

GenCore version 5.1.1.6
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OM nucleic - nucleic search, using sw model

Run on: January 2, 2006, 06:28:24 ; Search time 1956 Seconds

(without alignments)
10404.366 Million cell updates/sec

Title: US-08-783-734D-9

Perfect score: 2461
Sequence: 1 gaggaatcgtctgcaaatc.....ctgtacttttcattgtag 2461

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications_NA_Main:*

1: /cgn2_6/prodata/1/pubpna/US07_PUBCOMB.seq:*

2: /cgn2_6/prodata/1/pubpna/US08_PUBCOMB.seq:*

3: /cgn2_6/prodata/1/pubpna/US09A_PUBCOMB.seq:*

4: /cgn2_6/prodata/1/pubpna/US09B_PUBCOMB.seq:*

5: /cgn2_6/prodata/1/pubpna/US10A_PUBCOMB.seq:*

6: /cgn2_6/prodata/1/pubpna/US10B_PUBCOMB.seq:*

7: /cgn2_6/prodata/1/pubpna/US10C_PUBCOMB.seq:*

8: /cgn2_6/prodata/1/pubpna/US10D_PUBCOMB.seq:*

9: /cgn2_6/prodata/1/pubpna/US10E_PUBCOMB.seq:*

10: /cgn2_6/prodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2433.4	98.9	3097	5	US-10-079-625-1
2	2433.4	98.9	3656	5	US-10-226-579-1
3	2433.4	98.9	3854	5	US-10-079-625-42
4	2390.4	97.1	2679	5	US-10-278-733-14
5	2364.6	96.1	2868	2	US-08-779-457-8
6	2364.6	96.1	2868	5	US-10-214-802-8
7	2364.6	96.1	2868	8	US-10-921-710-8
8	2148.8	87.3	3489	5	US-10-278-733-18
9	1692.2	68.8	3102	2	US-08-779-457-6
10	1692.2	68.8	3102	5	US-10-214-802-6
11	1692.2	68.8	3102	8	US-10-921-710-6
12	1692.2	68.8	3800	5	US-10-226-579-3
13	1692.2	68.8	3800	7	US-10-641-643-885
14	1692.2	68.8	3800	9	US-10-893-315-12
15	1692.2	68.8	4102	2	US-08-779-457-1
16	1692.2	68.8	4102	5	US-10-214-802-1
17	1692.2	68.8	4102	8	US-10-921-710-1
18	1691	68.7	3004	2	US-08-779-457-5
19	1691	68.7	3004	5	US-10-214-802-5
20	1691	68.7	3004	8	US-10-921-710-5
21	1690.8	68.7	2991	5	US-10-095-929-1
22	1690.8	68.7	2991	10	US-11-026-133-1
23	1689	68.6	3784	9	US-10-893-315-26

24	1688.2	68.6	2415	3	US-09-116-676-9	Sequence 9, Appli
25	1687.4	68.6	2871	5	US-10-079-625-3	Sequence 3, Appli
26	1682.8	68.4	2877	5	US-10-245-616-1	Sequence 1, Appli
27	1680.4	68.3	2909	8	US-10-014-156-12	Sequence 12, Appli
28	1676	68.1	2691	7	US-10-373-624A-1	Sequence 1, Appli
29	1676	68.1	2691	8	US-10-774-721-9	Sequence 9, Appli
30	1613.8	65.6	2751	7	US-10-373-624A-3	Sequence 3, Appli
31	1613.8	65.6	3486	7	US-10-373-624A-7	Sequence 7, Appli
32	1613.8	65.6	3486	8	US-10-774-721-13	Sequence 13, Appli
33	1613.8	65.6	3705	7	US-10-373-624A-5	Sequence 5, Appli
34	1613.8	65.6	3705	8	US-10-774-721-11	Sequence 11, Appli
35	1540	62.6	5147	5	US-10-116-802-93	Sequence 93, Appli
36	480.4	19.5	630	9	US-10-803-459C-1	Sequence 1, Appli
37	274	11.1	481	3	US-09-918-995-8348	Sequence 8348, Ap
38	267.8	10.9	627	9	US-10-803-459C-7	Sequence 7, Appli
39	252.4	10.3	391	3	US-09-918-995-8799	Sequence 8799, Ap
40	212.4	8.6	516	6	US-10-029-386-13143	Sequence 13143, A
41	212.4	8.6	207542	9	US-10-893-315-148	Sequence 148, App
42	212.4	8.6	207557	9	US-10-893-315-134	Sequence 134, App
43	212	8.6	601	9	US-10-893-315-496	Sequence 496, App
44	212	8.6	601	9	US-10-893-315-861	Sequence 861, App
45	205.4	8.3	287	6	US-10-029-386-26843	Sequence 26843, A

ALIGNMENTS

RESULT 1

US-10-079-625-1
; Sequence 1, Application US/10079625
; Publication No. US20020182676A1
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESS: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/079,625
; FILING DATE: 2002-FEB-19
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663

Result No.	Score	Query Match	Length	DB	ID	Description
1	2433.4	98.9	3097	2	US-08-599-455B-1	Sequence 1, Appli
2	2433.4	98.9	3097	3	US-09-069-781B-1	Sequence 1, Appli
3	2433.4	98.9	3097	3	US-09-137-132-1	Sequence 1, Appli
4	2433.4	98.9	3097	3	US-08-864-564A-1	Sequence 1, Appli
5	2433.4	98.9	3097	3	US-09-094-410-1	Sequence 1, Appli
6	2433.4	98.9	3097	3	US-08-708-123D-1	Sequence 1, Appli
7	2433.4	98.9	3097	3	US-08-583-153A-1	Sequence 1, Appli
8	2433.4	98.9	3097	3	US-08-570-124D-1	Sequence 1, Appli
9	2433.4	98.9	3097	3	US-08-638-524B-1	Sequence 1, Appli
10	2433.4	98.9	3854	2	US-08-599-455B-42	Sequence 42, Appl
11	2433.4	98.9	3854	3	US-09-069-781B-42	Sequence 42, Appl
12	2433.4	98.9	3854	3	US-09-137-132-42	Sequence 42, Appl
13	2433.4	98.9	3854	3	US-08-864-564A-42	Sequence 42, Appl
14	2433.4	98.9	3854	3	US-09-094-410-42	Sequence 42, Appl
15	2433.4	98.9	3854	3	US-08-708-123D-42	Sequence 42, Appl
16	2433.4	98.9	3854	3	US-08-638-524B-42	Sequence 42, Appl
17	2364.6	96.1	2868	3	US-08-780-562-8	Sequence 8, Appli
18	2163.4	87.9	3495	3	US-08-827-962-17	Sequence 17, Appl
19	2163.4	87.9	3650	3	US-08-837-635-5	Sequence 5, Appli
20	2163.4	87.9	3650	3	US-08-803-346-2	Sequence 2, Appli
21	2161.8	87.8	3650	3	US-08-837-635-7	Sequence 7, Appli
22	2160.2	87.8	3650	3	US-08-827-962-16	Sequence 16, Appl
23	1692.2	68.8	3102	3	US-08-780-562-6	Sequence 6, Appli
24	1692.2	68.8	3629	3	US-08-837-635-6	Sequence 6, Appli

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OM nucleic - nucleic search, using sw model

Run on: January 2, 2006, 06:35:53 ; Search time 502 Seconds
(without alignments)
2569.973 Million cell updates/sec

Title: US-08-783-734D-9
Perfect score: 2461
Sequence: 1 gaggaaatgcttgcgaatc.....ctgtacttttcattgattag 2461

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 4172979 seqs, 262114271 residues

Total number of hits satisfying chosen parameters: 8345958

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA New:*

1: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:
2: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:
3: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:
4: /cgn2_6/ptodata/2/pubpna/PCR_NEW_PUB.seq:
5: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:
6: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:
7: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:
8: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq2:
9: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq3:
10: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2364.6	96.1	2868	7	US-11-192-219-8
2	1692.2	68.8	3102	7	US-11-192-219-6
3	1692.2	68.8	4102	7	US-11-192-219-1
4	1691	68.7	3004	7	US-11-192-219-5
5	1682.8	68.4	2877	7	US-11-166-730-1
6	39	1.6	2369	6	US-10-636-320-1
7	39	1.6	3085	6	US-10-995-561-179
8	39	1.6	3170	6	US-10-995-561-178
9	36.6	1.5	3864	6	US-10-793-626-3727
10	36.6	1.5	4187	6	US-10-793-626-4354
11	36.2	1.5	135019	6	US-10-849-438-11
12	36	1.5	67088	7	US-11-117-187-186
13	35.6	1.4	932	6	US-10-750-185-52715
14	35.6	1.4	150450	6	US-11-112-908-54
15	34.8	1.4	1036	6	US-10-750-185-24691
16	34.8	1.4	2460	6	US-10-750-185-29996
17	34.6	1.4	5168	6	US-10-750-185-46273
18	34.4	1.4	948	6	US-10-750-185-55839
19	34.4	1.4	1949	6	US-10-750-185-38349
20	34.2	1.4	2133	6	US-10-750-185-27952
21	34.2	1.4	4313	6	US-10-131-826A-393
22	34	1.4	794	6	US-10-750-185-55454
23	34	1.4	166639	7	US-11-121-086-52

C 24	33.8	1.4	1848	6	US-10-750-185-49222	Sequence 49222, A
C 25	33.6	1.4	1733	6	US-10-750-185-58742	Sequence 58742, A
C 26	33.4	1.4	962	6	US-10-750-185-33603	Sequence 33603, A
C 27	33.4	1.4	1936	6	US-10-750-185-35816	Sequence 35816, A
C 28	33.4	1.4	2565	6	US-10-750-185-55703	Sequence 55703, A
C 29	33.2	1.3	1755	6	US-10-995-561-459	Sequence 459, App
C 30	33.2	1.3	1913	6	US-10-750-185-57835	Sequence 57835, A
C 31	33.2	1.3	3715	6	US-10-750-185-35377	Sequence 35377, A
C 32	33.2	1.3	4228	6	US-10-995-561-460	Sequence 460, App
C 33	33.2	1.3	47444	6	US-10-995-561-13354	Sequence 13354, A
C 34	33	1.3	6734	6	US-10-955-054A-95	Sequence 95, Appl
C 35	33	1.3	6740	6	US-10-909-125-1746	Sequence 1746, Ap
C 36	32.6	1.3	841	6	US-10-750-185-33996	Sequence 32996, A
C 37	32.6	1.3	1468	6	US-10-750-185-30927	Sequence 30927, A
C 38	32.6	1.3	2389	6	US-10-750-185-37454	Sequence 37454, A
C 39	32.6	1.3	2430	6	US-10-750-185-37620	Sequence 37620, A
C 40	32.6	1.3	3214	6	US-10-750-185-44076	Sequence 44076, A
C 41	32.4	1.3	813	7	US-11-074-176-103	Sequence 103, App
C 42	32.4	1.3	4185	6	US-10-821-234-196	Sequence 196, App
C 43	32.4	1.3	5048	6	US-10-750-185-40762	Sequence 40762, A
C 44	32.4	1.3	403278	6	US-10-995-561-13421	Sequence 13421, A
C 45	32.2	1.3	1850	6	US-10-750-185-35776	Sequence 35776, A

ALIGNMENTS

RESULT 1

US-11-192-219-8
; Sequence 8, Application US/11192219
; Publication No. US20050272656A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; TITLE OF INVENTION: USES FOR WSX LIGANDS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/192,219
; FILING DATE: 27-Jul-2005
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,197
; FILING DATE: 20-Jun-1996
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: P-40,378
; REFERENCE/DOCKET NUMBER: P0986P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2868-base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-11-192-219-8

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OM protein - protein search, using sw model
Run on: January 2, 2006, 13:46:09 ; Search time 8.05474 Seconds
(without alignments)
748.439 Million cell updates/sec

Title: US-08-783-734D-10
Perfect score: 4321
Sequence: 1 MWCQRFYVLLHWEFLYVIA.....IPSNVKKFYIHGCTVLFMD 805

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 57103 seqs, 7488799 residues

Total number of hits satisfying chosen parameters: 57103

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA New:

- 1: /cgn2_6/ptodata/2/pubpaa/US08 NEW PUB.pap:*
- 2: /cgn2_6/ptodata/2/pubpaa/US06 NEW PUB.pap:*
- 3: /cgn2_6/ptodata/2/pubpaa/US07 NEW PUB.pap:*
- 4: /cgn2_6/ptodata/2/pubpaa/US09 NEW PUB.pap:*
- 5: /cgn2_6/ptodata/2/pubpaa/US10 NEW PUB.pap:*
- 6: /cgn2_6/ptodata/2/pubpaa/US11 NEW PUB.pap:*
- 7: /cgn2_6/ptodata/2/pubpaa/US60 NEW PUB.pap:*
- 8: /cgn2_6/ptodata/2/pubpaa/US60 NEW PUB.pap:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4031	93.3	783	7	US-11-192-219-7
2	3340	77.3	896	7	US-11-192-219-3
3	3340	77.3	923	7	US-11-192-219-4
4	3340	77.3	1165	7	US-11-192-219-2
5	3318	76.8	898	7	US-11-166-730-3
6	298.5	6.9	646	6	US-10-995-561-695
7	298.5	6.9	708	6	US-10-636-320-2
8	298.5	6.9	918	6	US-10-995-561-696
9	250.5	5.8	836	6	US-10-821-234-1559
10	210.5	4.9	979	6	US-10-636-320-6
11	204	4.7	329	6	US-10-995-561-694
12	151.5	3.5	538	7	US-11-174-398-16
13	149	3.4	2296	6	US-10-995-561-633
14	149	3.4	2355	6	US-10-995-561-623
15	149	3.4	2355	6	US-10-995-561-627
16	149	3.4	2384	6	US-10-821-234-1545
17	149	3.4	2386	6	US-10-995-561-626
18	145	3.4	1907	7	US-11-000-463-250
19	144	3.3	384	7	US-11-075-351-32
20	141	3.3	1897	6	US-10-821-234-1635
21	139.5	3.2	1433	7	US-11-094-519A-40
22	135.5	3.1	420	7	US-11-185-230-5
23	135	3.1	313	7	US-11-193-512-106
24	132.5	3.1	2214	7	US-11-080-991-94
25	129.5	3.0	1315	6	US-10-995-561-630

Sequence 625, App
Sequence 628, App
Sequence 621, App
Sequence 4, Appli
Sequence 943, App
Sequence 942, App
Sequence 941, App
Sequence 62, Appli
Sequence 26, Appli
Sequence 47, Appli
Sequence 1587, Ap
Sequence 624, App
Sequence 1120, Ap
Sequence 4, Appli
Sequence 895, App
Sequence 36, Appli
Sequence 35, Appli
Sequence 679, App
Sequence 940, App
Sequence 5, Appli

ALIGNMENTS

RESULT 1

US-11-192-219-7
; Sequence 7, Application US/11192219
; Publication No. US20050272656A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; TITLE OF INVENTION: USES FOR WSX LIGANDS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Winpatin (Genentech)
; CURRENT APPLICATION NUMBER: US/11/192,219
; FILING DATE: 27-Jul-2005
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,197
; FILING DATE: 20-Jun-1996
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: P-40,378
; REFERENCE/DOCKET NUMBER: P0986P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 783 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-11-192-219-7

Query Match 93.3%; Score 4031; DB 7; Length 783;
Best Local Similarity 96.6%; Pred. No. 0;
Matches 756; Conservative 2; Mismatches 25; Indels 0; Gaps 0;

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OM protein - protein search, using sw model
Run on: January 2, 2006, 13:45:24 ; Search time 70.5974 Seconds
(without alignments)
4764.376 Million cell updates/sec

Title: US-08-783-734D-10
Perfect score: 4321
Sequence: 1 MMCKQFVVLHWEFLVIA.....IPSNVKFYHGMCTVLFMD 805

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues
Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA Main:
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	4271	98.8	894	2	US-08-779-457-51
2	4271	98.8	894	4	US-10-079-625-2
3	4271	98.8	894	4	US-10-095-929-10
4	4271	98.8	894	5	US-10-921-710-51
5	4271	98.8	894	6	US-11-026-133-12
6	4271	98.8	894	6	US-10-079-625-43
7	4265	98.7	1162	4	US-10-226-579-2
8	4031	93.3	783	2	US-08-779-457-7
9	4031	93.3	783	4	US-10-214-802-7
10	4031	93.3	783	5	US-10-921-710-7
11	3355	77.6	804	3	US-09-116-676-10
12	3340	77.3	896	4	US-08-779-457-3
13	3340	77.3	896	4	US-10-214-802-3
14	3340	77.3	896	4	US-10-373-624A-2
15	3340	77.3	896	5	US-10-774-721-10
16	3340	77.3	896	5	US-10-921-710-3
17	3340	77.3	923	2	US-08-779-457-4
18	3340	77.3	923	4	US-10-214-802-4
19	3340	77.3	923	5	US-10-921-710-4
20	3340	77.3	925	5	US-10-492-403A-15
21	3340	77.3	1165	2	US-08-779-457-2
22	3340	77.3	1165	3	US-09-894-039-1
23	3340	77.3	1165	4	US-10-095-929-11
24	3340	77.3	1165	4	US-10-214-802-2
25	3340	77.3	1165	4	US-10-226-579-4
26	3340	77.3	1165	5	US-10-921-710-2
27	3340	77.3	1165	5	US-10-893-315-73

28	3340	77.3	1165	6	US-11-026-133-11	Sequence 11, Appl
29	3333	77.1	1167	5	US-10-893-315-87	Sequence 87, Appl
30	3328	77.0	896	4	US-10-095-929-10	Sequence 10, Appl
31	3328	77.0	896	6	US-11-026-133-10	Sequence 10, Appl
32	3328	77.0	906	4	US-10-095-929-9	Sequence 9, Appl
33	3328	77.0	906	6	US-11-026-133-9	Sequence 9, Appl
34	3328	77.0	958	4	US-10-095-929-8	Sequence 8, Appl
35	3328	77.0	958	6	US-11-026-133-8	Sequence 8, Appl
36	3326	77.0	1165	4	US-10-079-625-4	Sequence 3, Appl
37	3323	76.9	960	4	US-10-095-929-3	Sequence 3, Appl
38	3323	76.9	960	6	US-11-026-133-3	Sequence 3, Appl
39	3318	76.8	898	4	US-10-245-616-3	Sequence 4, Appl
40	3223	74.6	916	4	US-10-373-624A-4	Sequence 8, Appl
41	3223	74.6	1161	4	US-10-373-624A-8	Sequence 14, Appl
42	3223	74.6	1161	5	US-10-774-721-14	Sequence 6, Appl
43	3223	74.6	1234	4	US-10-373-624A-6	Sequence 12, Appl
44	3223	74.6	1234	5	US-10-774-721-12	Sequence 13, Appl
45	3199	74.0	896	5	US-10-014-156-13	

ALIGNMENTS

RESULT 1
US-08-779-457-51
; Sequence 51, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/779,457
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667197
FILING DATE: 06/20/96
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585005
FILING DATE: 01/08/96
ATTORNEY/AGENT INFORMATION:
NAME: Lee, Wendy M.
REGISTRATION NUMBER: 40,378
REFERENCE/DOCKET NUMBER: P09866P2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-1994
TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
LENGTH: 894 amino acids
TYPE: Amino Acid
TOPOLOGY: Linear

Query Match 98.8%; Score 4271; DB 2; Length 894;
US-08-779-457-51

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OM protein - protein search, using sw model

Run on: January 2, 2006, 10:19:03 ; Search time 21.3214 Seconds
(without alignments)
3121.466 Million cell updates/sec

Title: US-08-783-734D-10
Perfect score: 4321
Sequence: 1 MMCQKFFVLLHWEFLYVIA.....IPSNVKFYHGMCTVLFMD 805

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA:*
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2: /cgn2_6/prodata/1/iaa/6 COMB.pep.*
3: /cgn2_6/prodata/1/iaa/H COMB.pep.*
4: /cgn2_6/prodata/1/iaa/PCUS COMB.pep.*
5: /cgn2_6/prodata/1/iaa/RE COMB.pep.*
6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4271	98.8	894	1	US-08-599-455B-2
2	4271	98.8	894	2	US-09-069-781B-2
3	4271	98.8	894	2	US-08-618-957A-12
4	4271	98.8	894	2	US-09-137-132-2
5	4271	98.8	894	2	US-08-864-564A-2
6	4271	98.8	894	2	US-09-094-410-2
7	4271	98.8	894	2	US-08-708-123D-2
8	4271	98.8	894	2	US-08-583-153A-2
9	4271	98.8	894	2	US-08-570-142D-2
10	4271	98.8	894	2	US-08-638-524B-2
11	4271	98.8	894	2	US-10-095-929-12
12	4271	98.8	1162	1	US-08-599-455B-43
13	4271	98.8	1162	2	US-09-069-781B-43
14	4271	98.8	1162	2	US-09-137-132-43
15	4271	98.8	1162	2	US-08-864-564A-43
16	4271	98.8	1162	2	US-09-094-410-43
17	4271	98.8	1162	2	US-08-708-123D-43
18	4271	98.8	1162	2	US-08-638-524B-43
19	4147	96.0	896	1	US-08-640-389A-12
20	4031	93.3	783	2	US-08-780-562-7
21	3991	92.4	1162	2	US-08-803-346-1
22	3983	92.2	895	2	US-08-827-962-19
23	3983	92.2	1162	2	US-08-827-962-15
24	3977	92.0	1162	2	US-08-827-962-20
25	3947	91.3	895	2	US-08-827-962-21
26	3355	77.6	804	2	US-09-116-676-10
27	3340	77.3	896	2	US-08-780-562-3

ALIGNMENTS

RESULT 1
US-08-599-455B-2
; Sequence 2, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/599,455B
FILING DATE: 22-JAN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/583,153
FILING DATE: 28-DEC-1995
APPLICATION NUMBER: 08/570,142
FILING DATE: 11-DEC-1995
APPLICATION NUMBER: 08/569,485
FILING DATE: 08-DEC-1995
APPLICATION NUMBER: 08/566,622
FILING DATE: 04-DEC-1995
APPLICATION NUMBER: 08/562,663
FILING DATE: 27-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meiklejohn, Ph.D., Anita L.
REGISTRATION NUMBER: 35,283
REFERENCE/DOCKET NUMBER: 07334/017001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-542-5070
TELEFAX: 617-542-8906
TELEX: 200154

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 894 amino acids
TYPE: amino acid
TOPOLOGY: linear

Sequence 4, Appli
Sequence 4, Appli
Sequence 1, Appli
Sequence 4, Appli
Sequence 11, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 2, Appli
Sequence 4, Appli
Sequence 11, Appli
Sequence 10, Appli
Sequence 33, Appli
Sequence 10, Appli
Sequence 36, Appli
Sequence 9, Appli

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OM protein - protein search, using sw model

Run on: January 2, 2006, 13:46:09 ; Search time 8.94526 Seconds
(without alignments)
748.439 Million cell updates/sec

Title: US-08-783-734D-84
Perfect score: 4793
Sequence: 1 MMCQFYVLLHWEFLYVIA.....NPKNSWAQGLNFKRDTDL 894

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 57103 seqs, 7488799 residues

Total number of hits satisfying chosen parameters: 57103

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA New:*

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- 2: /cgn2_6/ptodata/2/pubpaa/US06 NEW PUB.pap:*
- 3: /cgn2_6/ptodata/2/pubpaa/US07 NEW PUB.pap:*
- 4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW PUB.pap:*
- 5: /cgn2_6/ptodata/2/pubpaa/US09 NEW PUB.pap:*
- 6: /cgn2_6/ptodata/2/pubpaa/US10 NEW PUB.pap:*
- 7: /cgn2_6/ptodata/2/pubpaa/US11 NEW PUB.pap:*
- 8: /cgn2_6/ptodata/2/pubpaa/US60_NEW PUB.pap:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	4031	84.1	783	7	US-11-192-219-7
2	3804	79.4	896	7	US-11-192-219-3
3	3785	79.0	923	7	US-11-192-219-4
4	3785	79.0	1165	7	US-11-192-219-2
5	3775	78.8	898	7	US-11-166-730-3
6	349	7.3	708	6	US-10-636-320-2
7	349	7.3	918	6	US-10-995-561-696
8	342.5	7.1	846	6	US-10-995-561-695
9	279.5	5.8	636	6	US-10-821-234-1559
10	239	5.0	979	6	US-10-636-320-6
11	204	4.3	329	6	US-10-995-561-694
12	157.5	3.3	1433	7	US-11-094-519A-40
13	151.5	3.2	538	7	US-11-174-398-16
14	149	3.1	1907	7	US-11-000-463-250
15	149	3.1	2296	6	US-10-995-561-633
16	149	3.1	2355	6	US-10-995-561-623
17	149	3.1	2355	6	US-10-995-561-627
18	149	3.1	2384	6	US-10-821-234-1545
19	149	3.1	2386	6	US-10-995-561-626
20	145	3.0	1897	6	US-10-821-234-1635
21	144	3.0	384	7	US-11-075-351-32
22	137.5	2.9	1315	6	US-10-995-561-630
23	135.5	2.8	420	7	US-11-185-230-5
24	135	2.8	313	7	US-11-193-512-106
25	132.5	2.8	2214	7	US-11-080-991-94

26 132.5 2.8 3063 7 US-11-186-284-26 Sequence 26, Appl
27 124.5 2.6 1254 6 US-10-528-031-47 Sequence 47, Appl
28 122.5 2.6 1259 6 US-10-995-561-625 Sequence 625, App
29 122.5 2.6 1286 6 US-10-995-561-628 Sequence 628, App
30 122.5 2.6 1341 6 US-10-995-561-621 Sequence 621, App
31 120 2.5 1198 6 US-10-451-375-4 Sequence 4, Appl
32 119.5 2.5 974 6 US-10-995-561-895 Sequence 895, App
33 118 2.5 1348 6 US-10-995-561-624 Sequence 624, App
34 117 2.4 662 6 US-10-995-561-943 Sequence 943, App
35 117 2.4 702 6 US-10-995-561-942 Sequence 942, App
36 117 2.4 754 6 US-10-995-561-941 Sequence 941, App
37 116.5 2.4 972 6 US-10-821-234-1587 Sequence 1587, Ap
38 116.5 2.4 1250 7 US-11-137-485-62 Sequence 62, Appl
39 115 2.4 997 6 US-10-995-561-896 Sequence 896, App
40 109 2.3 4384 6 US-10-821-234-1120 Sequence 1120, Ap
41 108 2.3 427 7 US-11-185-230-4 Sequence 4, Appl
42 108 2.3 984 6 US-10-995-561-629 Sequence 629, App
43 107.5 2.2 1694 7 US-11-135-855-35 Sequence 36, Appl
44 107.5 2.2 1709 7 US-11-135-855-35 Sequence 35, Appl
45 107 2.2 2516 6 US-10-647-956A-2 Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-11-192-219-7
; Sequence 7, Application US/11192219
; Publication No. US20050272656A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; TITLE OF INVENTION: USES FOR WSX LIGANDS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA: US/11/192,219
; FILING DATE: 27-Jul-2005
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,197
; FILING DATE: 20-Jun-1996
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: P-40,378
; REFERENCE/DOCKET NUMBER: P0986P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 783 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-11-192-219-7

Query Match 84.1%; Score 4031; DB 7; Length 783;
Best Local Similarity 96.6%; Pred. No. 0;
Matches 756; Conservative 2; Mismatches 25; Indels 0; Gaps 0;

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OM protein - protein search, using sw model

Run on: January 2, 2006, 10:19:03 ; Search time 23.6786 Seconds
(without alignments)
3121.466 Million cell updates/sec

Title: US-08-783-734D-84

Perfect score: 4793

Sequence: 1 MMCQFVYVLLHWEFLYVIA.....NPKNCMAQGLNFKQKRTDYL 894

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/iaa/5 COMB.pcp.*
- 2: /cgn2_6/ptodata/1/iaa/6 COMB.pcp.*
- 3: /cgn2_6/ptodata/1/iaa/H COMB.pcp.*
- 4: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pcp.*
- 5: /cgn2_6/ptodata/1/iaa/RE COMB.pcp.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	4793	100.0	894	1	US-08-599-455B-2
2	4793	100.0	894	2	US-09-069-781B-2
3	4793	100.0	894	2	US-09-137-132-2
4	4793	100.0	894	2	US-08-864-564A-2
5	4793	100.0	894	2	US-09-094-410-2
6	4793	100.0	894	2	US-08-708-123D-2
7	4793	100.0	894	2	US-08-583-153A-2
8	4793	100.0	894	2	US-08-570-142D-2
9	4793	100.0	894	2	US-08-638-524B-2
10	4788	99.9	894	2	US-08-618-357A-12
11	4788	99.9	894	2	US-10-095-929-12
12	4768	99.5	1162	1	US-08-599-455B-43
13	4768	99.5	1162	2	US-09-069-781B-43
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15	4768	99.5	1162	2	US-08-864-564A-43
16	4768	99.5	1162	2	US-09-094-410-43
17	4768	99.5	1162	2	US-08-708-123D-43
18	4768	99.5	1162	2	US-08-638-524B-43
19	4669	97.4	896	1	US-08-640-389A-12
20	4474	93.2	1162	2	US-08-803-346-1
21	4466	93.2	1162	2	US-08-827-362-19
22	4466	93.2	1162	2	US-08-827-362-15
23	4460	93.1	1162	2	US-08-827-962-20
24	4430	92.4	895	2	US-08-827-962-21
25	4031	84.1	783	2	US-08-780-562-7
26	3804	79.4	896	2	US-08-780-562-3
27	3792	79.1	896	2	US-08-618-357A-10

28 3792 79.1 896 2 US-09-357-914-33 Sequence 33, Appl
29 3792 79.1 896 2 US-10-095-929-10 Sequence 10, Appl
30 3792 79.1 898 1 US-08-693-697-36 Sequence 36, Appl
31 3785 79.0 923 2 US-08-780-562-4 Sequence 4, Appl
32 3785 79.0 1165 1 US-08-599-455B-4 Sequence 4, Appl
33 3785 79.0 1165 2 US-09-093-814-1 Sequence 1, Appl
34 3785 79.0 1165 2 US-09-069-781B-4 Sequence 4, Appl
35 3785 79.0 1165 2 US-08-618-957A-11 Sequence 11, Appl
36 3785 79.0 1165 2 US-09-137-132-4 Sequence 4, Appl
37 3785 79.0 1165 2 US-09-094-410-4 Sequence 4, Appl
38 3785 79.0 1165 2 US-08-708-123D-4 Sequence 4, Appl
39 3785 79.0 1165 2 US-08-583-153A-4 Sequence 4, Appl
40 3785 79.0 1165 2 US-08-570-142D-4 Sequence 4, Appl
41 3785 79.0 1165 2 US-08-780-562-2 Sequence 2, Appl
42 3785 79.0 1165 2 US-08-638-524B-4 Sequence 4, Appl
43 3785 79.0 1165 2 US-10-095-929-11 Sequence 11, Appl
44 3779 78.8 896 1 US-08-640-389A-10 Sequence 10, Appl
45 3775 78.8 898 2 US-08-588-189-3 Sequence 3, Appl

ALIGNMENTS

RESULT 1

US-08-599-455B-2
; Sequence 2, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,455B
; FILING DATE: 22-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Melkiohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; TOPOLOGY: linear

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

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- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
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